



# TOTAL INGENIEROS S.A.C

VENTAS, PROYECTOS, SERVICIOS EN INGENIERÍA Y SISTEMAS DE REFRIGERACIÓN

HONGSEN 鸿森

2021-2022

制冷空调系统配件

REFRIGERATION A/C SYSTEM ACCESSORIES

HONGSEN MACHINERY  
Escort For Safe Refrigeration

## REFRIGERATION A/C SYSTEM ACCESSORIES

制冷空调系统配件



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阀芯  
Orifice

#### 产品概述 Product Description

- T型膨胀阀是一种可换芯的新型热力膨胀阀
- T型膨胀阀用于调节蒸发器中液体制冷剂的供给量
- T型膨胀阀特别适合于干式蒸发器中制冷剂液体的供给
- T型膨胀阀是通过制冷剂的过热度调节来进行自动控制的

- T-type expansion valve is a novel thermostatic expansion value with replaceable valve element
- T-type expansion valve is used for adjusting the supply quantity of liquid refrigerant in evaporator
- T-type expansion valve is particularly suitable for supplying liquid refrigerant in dry-type evaporator
- T-type expansion valve has autocontrol through regulating the-superheating degree of refrigerant.

#### 特点 Features

- 蒸发温度范围大
- 可提供MOP功能, 可使压缩机电机不会因过高的蒸发压力而损伤。
- 具有内外平衡两种形式, 能有效的消除蒸发器压力损失带来的影响。
- 具有发明专利的膜片结构, 大大改善了低温下的工作性能。
- 阀帽采用二次密封结构, 有效降低外泄漏概率。
- 带过滤功能的可换阀芯组件, 便于库存、匹配和维修。
- 温包采用混合充注技术, 使整个蒸发温度范围内都具有等过热度特性。

- Large scope of evaporating temperature.
- be capable of providing MOP function so as not to damage the compressor motor due to overhigh evaporating pressure.
- Have two forms of internal and external equaliser, be capable of removing influence brought by loss of evaporator pressure effectively.
- Have the membrane structure with invention patent, greatly improve the working performance at low temperature.
- The bonnet adopts a secondary sealing structure to reduce the percentage of external leakage .
- With filtering orifice, convenient storage, matching and maintenance
- The temperature wrap has mixed charging technology so as to have the feature of superheating degree within the whole evaporating temperature range

#### 技术参数 Technical Parameters

适用制冷剂 Applicable Refrigerants	R22/R407C、R134a、R404A冷媒等介质	<ul style="list-style-type: none"> <li>• T型热力膨胀阀毛细管长度: 标准1.5m, 特殊情况可按用户要求。</li> <li>• Capillary length of T-type thermostatic expansion valve:1.5m in atandard; under special situation,it can be customized based on clients' requirements.</li> </ul>
适用介质温度 Applicable Medium	R22/R407C: -40°C~+10°C; R134a:-30°C~+10°C;R404A:-40°C~+10°C	
名义容量 Nominal Capacity	2.5KW~15.5KW、1.8KW~10.5KW、1.6KW~9.1KW	
过热度调节范围 Adjustable Range of Superheat	2°C~8°C	
出厂静热度调定值 Ex-Works Static Heat Adjustment	3.5°C	
最大工作压力 Maximum Working Pressure	2.8MPa	
最大测试压力 Maximum Testing Pressure	3.2MPa	